



S&H Form: (2/01)  
DOCKET NO. 392.1577D

IFW  
3/12/09

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hiroyuki UCHIDA et al.

Confirmation No. 2285

Serial No: 10/040,414

Group Art Unit: 3729

Filed: January 9, 2002

Examiner: Carl J. Arbes

For: METHOD OF EXPANDING TYPES OF SYNCHRONOUS MOTORS AND  
SYNCHRONOUS MOTORS PRODUCED BY THE METHOD

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

It is requested that the foreign priority information on the Official Filing Receipt be corrected. The correct foreign application information is Japan 17784/1997 1/16/1997, as is evidenced by a copy of the PCT Request Form filed in parent Serial No. 09155,015, attached to the application as filed. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original receipt on which the errors have been noted in red.

It is requested that a corrected Official Filing Receipt be issued in this application.

Respectfully submitted,

STAAS & HALSEY LLP

Date: Jan 12, 2006

By: [Signature]  
Gene M. Garner II  
Registration No. 34,172

1201 New York Ave, N.W., Suite 700  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/040,414	01/09/2002	3729	740	392.1577D	6	4	1

CONFIRMATION NO. 2285

21171  
STAAS & HALSEY LLP  
700 11TH STREET, NW  
SUITE 500  
WASHINGTON, DC 20001

## FILING RECEIPT



\*OC000000007450703\*

Date Mailed: 02/08/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Hiroyuki Uchida, Minamitsuru-gun, JAPAN;  
Takashi Okamoto, Minamitsuru-gun, JAPAN;  
Tomonaga Yamamoto, Minamitsuru-gun, JAPAN;

## Assignment For Published Patent Application

FANUC LTD, Yamanishi, JAPAN;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A DIV OF 09/155,015 09/16/1998  
WHICH IS A 371 OF PCT/JP98/00137 01/16/1998

## Foreign Applications

JAPAN 17784/1997 01/16/1997 -

If Required, Foreign Filing License Granted 02/07/2002

Projected Publication Date: 05/23/2002

Non-Publication Request: No

Early Publication Request: No

Title

FEB 13 2002

Method of expanding types of synchronous motors and synchronous motors produced by the method

**Preliminary Class**

029

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum)

FFA-1445

<b>Box No. I</b>	<b>TITLE OF INVENTION</b>	METHOD OF EXPANDING TYPES OF SYNCHRONOUS MOTORS AND SYNCHRONOUS MOTORS PRODUCED BY THE METHOD	
<b>Box No. II</b>	<b>APPLICANT</b>		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)		<input type="checkbox"/> This person is also inventor.	
FANUC LTD		Telephone No. 0555-84-5555	
3580, Shibokusa Aza-komanba, Oshino-mura, Minamitsuru-gun, Yamanashi, 401-05 Japan		Facsimile No. 0555-84-5872	
		Teleprinter No.	
State (i.e. country) of nationality: Japan		State (i.e. country) of residence: Japan	
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input checked="" type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box			
<b>Box No. III</b>	<b>FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b>		
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)		This person is:	
Hiroyuki UCHIDA		<input type="checkbox"/> applicant only	
4447-8, Katsuyama-mura, Minamitsuru-gun, Yamanashi, 401-03 Japan		<input checked="" type="checkbox"/> applicant and inventor	
		<input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)	
State (i.e. country) of nationality: Japan		State (i.e. country) of residence: Japan	
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box			
<input checked="" type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.			
<b>Box No. IV</b>	<b>AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE</b>		
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:		<input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)		Telephone No.	
8230 Shoji TAKEMOTO, Patent Attorney		03-3502-2578	
8835 Hideo SUGIYAMA, Patent Attorney		Facsimile No.	
9342 Koichi YUDA, Patent Attorney		03-3502-2570	
10249 Takahiro UOZUMI, Patent Attorney		Teleprinter No.	
10191 Akio SHONOIRI, Patent Attorney			
2F., Yamagata Bldg., 23-10, Toranomon 1-chome, Minato-ku, Tokyo, 105 Japan			
<input type="checkbox"/> Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.			

<b>Continuation of Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTORS</b>	
<i>If none of the following sub-boxes is used, this sheet is not to be included in the request.</i>	
<p><small>Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)</small></p> <p align="center">Takashi OKAMOTO</p> <p>Room 11-605, FANUC Manshonharimomi, 3517, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi, 401-05 Japan ....</p>	<p>This person is:</p> <p><input type="checkbox"/> applicant only</p> <p><input checked="" type="checkbox"/> applicant and inventor</p> <p><input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)</p>
State (i.e. country) of nationality: Japan	State (i.e. country) of residence: Japan
<p>This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box</p>	
<p><small>Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)</small></p> <p align="center">Tomonaga YAMAMOTO</p> <p>Room 8-210, FANUC Manshonharimomi, 3511-1, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi, 401-05 Japan</p>	<p>This person is:</p> <p><input type="checkbox"/> applicant only</p> <p><input checked="" type="checkbox"/> applicant and inventor</p> <p><input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)</p>
State (i.e. country) of nationality: Japan	State (i.e. country) of residence: Japan
<p>This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box</p>	
<p><small>Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)</small></p>	<p>This person is:</p> <p><input type="checkbox"/> applicant only</p> <p><input type="checkbox"/> applicant and inventor</p> <p><input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)</p>
State (i.e. country) of nationality:	State (i.e. country) of residence:
<p>This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box</p>	
<p><small>Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)</small></p>	<p>This person is:</p> <p><input type="checkbox"/> applicant only</p> <p><input type="checkbox"/> applicant and inventor</p> <p><input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)</p>
State (i.e. country) of nationality:	State (i.e. country) of residence:
<p>This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box</p>	
<p><input type="checkbox"/> Further applicants and/or (further) inventors are indicated on another continuation sheet.</p>	

**Box No.V DESIGNATION OF STATES**

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):

**Regional Patent**

- ☐ **AP** ARIPO Patent: KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SZ Swaziland, UG Uganda, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☐ **EA** Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP** European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☐ **OA** OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....

**National Patent (if other kind of protection or treatment desired, specify on dotted line):**

- |   |   |
|---|---|
| <input type="checkbox"/> AL Albania .....                               | <input type="checkbox"/> LU Luxembourg .....                                |
| <input type="checkbox"/> AM Armenia .....                               | <input type="checkbox"/> LV Latvia .....                                    |
| <input type="checkbox"/> AT Austria .....                               | <input type="checkbox"/> MD Republic of Moldova .....                       |
| <input type="checkbox"/> AU Australia .....                             | <input type="checkbox"/> MG Madagascar .....                                |
| <input type="checkbox"/> AZ Azerbaijan .....                            | <input type="checkbox"/> MK The former Yugoslav Republic of Macedonia ..... |
| <input type="checkbox"/> BA Bosnia and Herzegovina .....                | <input type="checkbox"/> MN Mongolia .....                                  |
| <input type="checkbox"/> BB Barbados .....                              | <input type="checkbox"/> MW Malawi .....                                    |
| <input type="checkbox"/> BG Bulgaria .....                              | <input type="checkbox"/> MX Mexico .....                                    |
| <input type="checkbox"/> BR Brazil .....                                | <input type="checkbox"/> NO Norway .....                                    |
| <input type="checkbox"/> BY Belarus .....                               | <input type="checkbox"/> NZ New Zealand .....                               |
| <input type="checkbox"/> CA Canada .....                                | <input type="checkbox"/> PL Poland .....                                    |
| <input type="checkbox"/> CH and LI Switzerland and Liechtenstein .....  | <input type="checkbox"/> PT Portugal .....                                  |
| <input type="checkbox"/> CN China .....                                 | <input type="checkbox"/> RO Romania .....                                   |
| <input type="checkbox"/> CU Cuba .....                                  | <input type="checkbox"/> RU Russian Federation .....                        |
| <input type="checkbox"/> CZ Czech Republic .....                        | <input type="checkbox"/> SD Sudan .....                                     |
| <input type="checkbox"/> DE Germany .....                               | <input type="checkbox"/> SE Sweden .....                                    |
| <input type="checkbox"/> DK Denmark .....                               | <input type="checkbox"/> SG Singapore .....                                 |
| <input type="checkbox"/> EE Estonia .....                               | <input type="checkbox"/> SI Slovenia .....                                  |
| <input type="checkbox"/> ES Spain .....                                 | <input type="checkbox"/> SK Slovakia .....                                  |
| <input type="checkbox"/> FI Finland .....                               | <input type="checkbox"/> TJ Tajikistan .....                                |
| <input type="checkbox"/> GB United Kingdom .....                        | <input type="checkbox"/> TM Turkmenistan .....                              |
| <input type="checkbox"/> GE Georgia .....                               | <input type="checkbox"/> TR Turkey .....                                    |
| <input type="checkbox"/> HU Hungary .....                               | <input type="checkbox"/> TT Trinidad and Tobago .....                       |
| <input type="checkbox"/> IL Israel .....                                | <input type="checkbox"/> UA Ukraine .....                                   |
| <input type="checkbox"/> IS Iceland .....                               | <input type="checkbox"/> UG Uganda .....                                    |
| <input type="checkbox"/> JP Japan .....                                 | <input checked="" type="checkbox"/> US United States of America .....       |
| <input type="checkbox"/> KE Kenya .....                                 | <input type="checkbox"/> UZ Uzbekistan .....                                |
| <input type="checkbox"/> KG Kyrgyzstan .....                            | <input type="checkbox"/> VN Viet Nam .....                                  |
| <input type="checkbox"/> KP Democratic People's Republic of Korea ..... |   |
| <input type="checkbox"/> KR Republic of Korea .....                     |   |
| <input type="checkbox"/> KZ Kazakstan .....                             |   |
| <input type="checkbox"/> LC Saint Lucia .....                           |   |
| <input type="checkbox"/> LK Sri Lanka .....                             |   |
| <input type="checkbox"/> LR Liberia .....                               |   |
| <input type="checkbox"/> LS Lesotho .....                               |   |
| <input type="checkbox"/> LT Lithuania .....                             |   |

Check-boxes reserved for designating States (for the purposes of a national patent) which have become party to the PCT after issuance of this sheet:

- ☐ .....
- ☐ .....
- ☐ .....
- ☐ .....

In addition to the designations made above, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except the designation(s) of .....

The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.)

<b>Box No. VI PRIORITY CLAIM</b>		Further priority claims are indicated in the Supplemental Box <input type="checkbox"/>	
The priority of the following earlier application(s) is hereby claimed:			
Country <i>(in which, or for which, the application was filed)</i>	Filing Date <i>(day/month/year)</i>	Application No.	Office of filing <i>(only for regional or international application)</i>
item (1) Japan	16. 01. 97	Patent Application No. 17784/1997	
item (2)			
item (3)			
<i>Mark the following check-box if the certified copy of the earlier application is to be issued by the Office which for the purposes of the present international application is the receiving Office (a fee may be required):</i> <input checked="" type="checkbox"/> The receiving Office is hereby requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): ( 1 )			
<b>Box No. VII INTERNATIONAL SEARCHING AUTHORITY</b>			
Choice of International Searching Authority (ISA) <i>(If two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):</i> ISA / JP			
Earlier search <i>Fill in where a search (international, international-type or other) by the International Searching Authority has already been carried out or requested and the Authority is now requested to base the international search, to the extent possible, on the results of that earlier search. Identify such search or request either by reference to the relevant application (or the translation thereof) or by reference to the search request.</i> Country (or regional Office):      Date (day/month/year):      Number:			
<b>Box No. VIII CHECK LIST</b>			
This international application contains the following number of sheets: 1. request : 4 sheets 2. description : 16 sheets 3. claims : 2 sheets 4. abstract : 1 sheets 5. drawings : 6 sheets Total : 29 sheets		This international application is accompanied by the item(s) marked below: 1. <input type="checkbox"/> separate signed power of attorney 2. <input type="checkbox"/> copy of general power of attorney 3. <input type="checkbox"/> statement explaining lack of signature 4. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): 5. <input checked="" type="checkbox"/> fee calculation sheet 6. <input type="checkbox"/> separate indications concerning deposited microorganisms 7. <input type="checkbox"/> nucleotide and/or amino acid sequence listing (diskette) 8. <input checked="" type="checkbox"/> other (specify): Request for Sending of Certified Priority Document	
Figure No. 2 of the drawings (if any) should accompany the abstract when it is published.			
<b>Box No. IX SIGNATURE OF APPLICANT OR AGENT</b>			
<i>Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).</i>  Shoji TAKEMOTO (seal)      Hideo SUGIYAMA (seal)      Akio SHIONOIRI (seal) Koichi YUDA (seal)      Takahiro UOZUMI (seal)			

For receiving Office use only		2. Drawings:  <input type="checkbox"/> received:  <input type="checkbox"/> not received:
1. Date of actual receipt of the purported international application:		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		
4. Date of timely receipt of the required corrections under PCT Article 11(2):		
5. International Searching Authority specified by the applicant: ISA /	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid	

For International Bureau use only
Date of receipt of the record copy by the International Bureau: